VIRGINIA DEPARTMENT OF TRANSPORTATION
LOCATION AND DESIGN DIVISION
INITIAL FIELD REVIEW AND SCOPING REPORT

NOTE: A project location map (USGS) should be attached to this form.

PART A Date of Review: _____

Route _____ or Name of Facility _____

Project _____ UPC _____

From: _____ FHWA - 534 _____

To: _____

County, City or Town _____, Virginia

District _____ 6 Year Plan (Year) _____ Page _____ Line _____

Type of Facility: (Interstate, Primary, Urban, Secondary, Bridge, Bicycle, Other) _____

PE Authorization Date _____ Type Plan Assembly (C,M,N) _____

Scheduled Advertisement Date _____

Amount Authorized for PE _____

Type of Financing: State _____ Federal _____ Other _____

6 Yr. Plan Est.: PE _____ R/W _____ (Incl. Utilities) Const. _____ Total _____

Engineer's Est.: PE _____ R/W _____ (Incl. Utilities) Const. _____ Total _____

Railroad Force Account Est.: _____

Description of Work: _____

Design Speed _____ Functional Class. _____

Existing Traffic _____ ADT (Yr. _____) % Trucks _____

Design Year Traffic _____ (if available) ADT (Yr. _____) DHV _____

Project Length _____ Alignment Length _____ Should utilities be designated? _____

3R Guidelines used? _____ If no, explain _____

Are you aware of the need for any 3R waivers or design exceptions? (Yes or No) _____

If yes, attach separate documentation for approval with this LD-430 form.

Are you aware of any sinkholes along the project corridor? (Yes or No) _____

GEOMETRICS:	Existing	Proposed		Existing	Proposed
No. of Lanes			Lane Width, m/ft.		
Median Type			Curb &Gutter Location (one side, both)		
Fill Shoulder, m/ft.			Ditch Width, m/ft.		
Cut Shoulder, m/ft.			Median Shoulder, m/ft.		

Existing Pavement to be Used _____

PART A (cont.)

Widening Existing Pavement _____ (one side, both) Existing Pavement Width _____ m/ft

Widening Lt. _____ m/ft. Widening Rt. _____ m/ft.

Bicycle and Pedestrian Accommodations:

Does the locality have a biking or walking accommodations plan? (Yes or No) _____

	Existing	Proposed
Sidewalk	_____ Width	_____ Width
Location	_____	_____
Shared Use Paths: (10'or12')	_____ Width	_____ Width
Location	_____	_____
Is Shared Use Path meandering? (Yes or No)	_____	(Yes or No) _____

What is the additional Right-of-Way width necessary for proposed meandering pathways? _____

Bicycle Lanes:	_____ Width	_____ Width
Location	_____	_____
Wide Outside Lane: (14'or15')	_____ Width	_____ Width
Location	_____	_____

Please indicate "yes" by the following bicycle and pedestrian accommodations that apply:

_____ paved shoulder _____ shared lane _____ pedestrian path _____ crosswalk
_____ pedestrian signals _____ median/refuge island _____ curb ramp _____ horse & buggy
_____ other _____

Was bicycle and pedestrian access to exiting and proposed transit connections coordinated with DRPT? (Yes or No) _____

If yes, attach separate documentation supporting the coordination or include in the scoping meeting minutes.

Note: If bicycle or pedestrian accommodations are not provided, please indicate "yes" by the exemption below that applies as described in section 3.4 of VDOT's "Policy for Integrating Bicycle and Pedestrian Accommodations". This policy is available on the web:
http://www.virginiadot.org/programs/resources/bike_ped_policy.pdf
The listing of VDOT Designed Bicycle and Pedestrian Accommodations is available on the web:
http://www.virginiadot.org/programs/resources/BPAccommodationsDefined.pdf
The Bicycle and Pedestrian Accommodation Decision Process is available on the web:
http://www.virginiadot.org/programs/resources/BikePedExceptionsProcessV5.pdf

_____ scarcity of population, travel, and attractors, both existing and future, indicate an absence of need

_____ environmental or social impacts outweigh the need

_____ safety would be compromised

_____ total cost to appropriate system (i.e., interstate, primary, etc) is excessively disproportionate to need

_____ purpose and scope of project do not facilitate the need for provision (e.g., Rural Rustic Road Program)

_____ bicycle and pedestrian travel is prohibited by state or federal laws

If one of the above conditions exists, you must attach the supporting documentation which establishes the exemption.

Have Roundabouts been considered? (Yes or No) _____

Provide answers and input below, or on an attached sheet/file, concerning the following topics/questions:

1. Aesthetics / Context Sensitive Design: Identify items requested by Locality/Community that are anticipated, or are otherwise applicable to this project.
2. Landscape/Streetscape Plans (Street Trees/Planting Plans, paver crosswalks/sidewalks, street furniture, screening, etc.) Identify these items.
3. Other Special Aesthetic Considerations? (bridge aesthetics, wall treatments, architectural lighting, mitigation of impacts to historical and/or recreational features, community gateway). Identify these items.
4. Retention of selected parcels for aesthetic or environmental purposes.
5. Should Bio-retention (water quality) basins be considered for this project?
6. Does this project involve (or anticipated to involve) any Memorandum of Agreement (MOA) with any State, Federal, or private agency regarding special treatment or consideration of aesthetics or scenic quality for a corridor (or part thereof), bridge structure, view shed, historic property(s),etc. thus requiring mitigation of aesthetic impacts thereto? (Copy to L&D Landscape Architecture Section).

PART A (cont.)

Number Bridges Req'd. _____ Suff. Rating Exist. Bridges _____ Bridge Fencing Req'd. (Yes or No) _____

R/W Width _____ Purchase _____ Donation _____

Perform Recoverable Slope Study? (Yes or No) _____ If no, explain _____

List Necessary Design Exceptions: _____

Should a Value Engineering study on this project or specific elements be facilitated by Scheduling & Contract Division-VE Section?

Services Division? _____

Maintenance of Traffic Concerns:

Transportation Management Plan Category (See IIM-LD-241) _____ 1 _____ 2 _____ 3

Minimum width of lanes to be maintained: _____ ft./m Number of lanes to be maintained _____

Restrictions on lane or shoulder closures? (Yes or No) _____

Will Temporary Detours be considered? (Yes or No) _____

Design services provided by (Central Office, District, Consultant or other)? _____

Project Assigned to _____ Phone No. _____

Is this project being considered for development using an alternate delivery method (PPTA, Design-build, etc)? (Yes or No) _____ .

If so, has coordination been made with the Innovative Project Delivery Division? (Yes or No) _____

If so, point of contact is _____ .

Members of the Initial Field Review Team are as follows:

District Utilities Engineer _____

Residency _____

Location and Design Project Manager _____

Location and Design (Public Involvement) _____

Location and Design (Survey) _____

Location and Design (Hydraulics) _____

Location and Design Traffic Engineering Design Section _____

Location and Design Landscape Architecture Section (if applicable) _____

Locality (if applicable) _____

Programming Division _____

Local Assistance Division (if applicable) _____

Environmental Division (address items found on Form EQ-429) _____

Right of Way and Utilities Division _____

Traffic Engineering Division _____

District Traffic Engineer _____

Transportation and Mobility Planning Division _____

Structure and Bridge Division _____

Innovative Project Delivery Division _____

Scheduling & Contract Division –Rail Section (if applicable _____

Scheduling & Contract Division _____

Area Maintenance Engineer _____

Materials Division _____

FHWA _____

District Construction Engineer or representative _____

District Bicycle/Pedestrian Coordinator _____

Director of Rail and Public Transportation _____

PART A (cont.)

Survey Information Required

Provide a letter size map or photo showing the location of project. If possible, please include a large scale photo (minimum plan ratio 1:2000 or scale 1" = 200') to show the scope of the project.

Average width of terrain information required _____

List connections with length of survey needed _____

_____

_____

_____

Does this project tie to or cross any other existing projects that are now in the survey, design, R/W, or Construction phase (Yes or No) _____

If yes, provide the following information:

Project _____
From: _____
To: _____
Project Manager _____ UPC _____

Project _____
From: _____
To: _____
Project Manager _____ UPC _____

Does the roadway project tie to an existing bridge and/or major box culvert or pass under an existing bridge? If so, please explain and request bridge situation plans at this time as well.

Any other information which should be included with survey request _____

_____

_____

Survey Authorized by: _____ Date _____

District Administrator (Secondary Projects)

Assistant L & D Engineer (other projects)

PART A (cont.)

Scope Approval

NOTE: The following signatures constitute Scope approval for those projects that the Project Manager concludes no further studies are required to determine Scope. Part C of this form will be completed for Final Scope approval of those more complex projects (including Secondaries) that the Project Manager determines survey is necessary to conduct concept studies and hold a Preliminary Plan Review before establishing Scope.

Will PART C be completed for this project? (Yes or No) _____

Secondary System

Approved by: _____ Date: _____
District Construction Engineer

Approved by: _____ Date: _____
District Administrator

Concurrence by: _____ Date: _____
Programming Division Director

Interstate, Primary or Urban Systems

Approved by: _____ Date: _____
District Administrator

Approved by: _____ Date: _____
Assistant Location & Design Engineer

Approved by: _____ Date: _____
Programming Division Director

Comments: _____

After approval by Scoping Group please return completed form to:

Project Manager

The Project Manager will distribute copies of this report to the following upon completion:

District Administrator
District Construction Engineer
Residency Administrator
Location and Design Project Manager
Programming Division Director
Innovative Project Delivery Director
State Scheduling and Contract Division Engineer
Local Assistance Division Director (if applicable)
District Location and Design Engineer
State Survey Engineer
Scheduling & Contract Division-Value Engineering Section
Management Services Division Administrator
FHWA
Initial Field Review Team Members
State Environmental Administrator
Right of Way and Utilities Division, (Project Scheduling and Certification Section)
State Traffic Engineer
Program Manager (Traffic Engineering Design)
State Transportation Planning Engineer
State Bicycle/Pedestrian Coordinator
State Structure and Bridge Engineer
State Materials Engineer

PART B

This section of LD-430 should be completed to document information discussed at the Initial Field Review and should be included with information provided when project survey is requested.

Existing Conditions

Existing Posted Speed _____

Surface of Facility _____

Width of Facility _____ Ditch Width _____

Cut Slope _____ Fill Slope _____

Are existing slopes holding up? (Yes or No) _____

Average width of existing Right of Way _____

Businesses that may be taken (Yes or No) _____ If yes, number _____

Homes that may be taken (Yes or No) _____ If yes, number _____

Provide purpose and need for this project: _____

Is this improvement in a regional or local study (Yes or No) _____

If yes, name of study _____

Major structures on this project

Give a short description of major structures (replacement, rehabilitation or new structure). For existing structures, also provide the four digit Virginia structure number, and the existing five digit structure ID number (Federal ID). Also, for new structures and replacement structures, provide the new five digit structure ID number(s).

Structure number:	1	2	3	4	5	6	7	8
four digit Virginia structure number:								
existing five digit structure ID number (Federal ID):								
new five digit structure ID number(s):								

Miscellaneous information

Is Railroad involved? (Yes or No) _____ If yes, what type of crossing is present? At grade _____ or separated _____ .

Are proffers or other financial arrangements anticipated? (Yes or No) _____ If yes, give source and amount _____

PART B (cont.)

Environmental impacts that may accrue on this project _____

_____

Are you aware of any sinkholes along the project corridor? (Yes or No) _____

Are major utility conflicts or problems anticipated? (Yes or No) _____ If yes, please explain _____

_____

Are utilities present that may be attached to bridges? (Yes or No) _____

Would this project be affected by any other project? (Yes or No) _____ If yes, please explain _____

_____

Recommended Public Involvement for this project:

None _____ Explain _____

Information meeting (s) _____

Post Willingness _____

Public Hearing _____

Will maintenance of traffic be necessary for this project? (Yes or No) _____

Can a detour to another road be used? (Yes or No) _____

PART C

NOTE: Part C of Form 430 to be utilized for projects that will have the Scope approved after receipt of survey and holding of a Preliminary Plan Review.

Design Year Traffic (_____ Yr.) _____ ADT _____ DHV _____ % Trucks

Existing Level of Service _____ Proposed Level of Service _____

Describe any changes in geometric design since Initial Field Review _____

Describe the proposed project (i.e. four lane divided, limited access, etc.) _____

Were Alternate Designs Considered? _____ If so, why was this specific design selected? _____

Was a Recoverable Slope Study conducted? (Yes or No). _____ If Study was conducted will Recoverable Slopes be provided? _____ If not provided, explain why _____

Est. Cost: PE _____ R/W _____ Const. _____
(incl. utilities)

Date of Preliminary Field Inspection _____

Members of the Preliminary Field Inspection Team are as follows:

District _____

Residency _____

Location and Design Division _____

Locality (if applicable) _____

Local Assistance Division (if applicable) _____

Scheduling & Contract Division _____

Environmental Division (address items found on Form EQ-429) _____

Right of Way and Utilities Division _____

Traffic Engineering Division _____

Location and Design Traffic Engineering Design Section _____

Location and Design Landscape Architecture Section _____

District Bicycle/Pedestrian Coordinator _____

(continued on next page)

PART C (cont.)

Transportation and Planning _____

Structure and Bridge _____

Scheduling & Contract Division-Rail Section (if applicable) _____

Area Maintenance Engineer _____

FHWA _____

District Construction Engineer or representative _____

Other _____

Scope Approval

Approved by: _____ Date _____

District Construction Engineer (Secondaries Only)

Approved by: _____ Date _____

District Administrator

Approved by: _____ Date _____

Assistant Location & Design Engineer

Approved by: _____ Date _____

Programming Division Director

Comments: _____

_____

_____

After approval by Scoping Group please return completed form to:

_____ Project Manager

The Project Manager will distribute copies of this report to the following upon completion:

District Administrator
District Construction Engineer
Residency Administrator
Location and Design Project Manager
Programming Division Director
State Scheduling and Contract Division Engineer
Local Assistance Division Director (if applicable)
District Location and Design Engineer
State Survey Engineer
Innovative Project Delivery Director
Scheduling and Contract Division-Value Engineering Section
State Environmental Administrator
Right of Way and Utilities Division,
(Project Scheduling and Certification Section)
State Traffic Engineer
Program Manager (Traffic Engineering Design)
State Transportation Planning Engineer
State Bicycle/Pedestrian Coordinator
District Bicycle/Pedestrian Coordinator
State Structure and Bridge Engineer
State Materials Engineer
Scheduling and Contract Division-Rail Section
Initial Field Review Team Members
FHWA